

DEPARTMENT OF TRANSPORTATION

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Note: Addenda information is NOT included with the electronic documents available via electronic file transfer. Only bidder or non-bidder package holders listed with the Caltrans Plans and Bid Documents section as described above will receive addenda information.

September 6, 2002

02-Plu-70-R126.2/138.4
02-263364
ACSTP-P070(079)E

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for construction on State highway in PLUMAS COUNTY NEAR BECKWOURTH FROM 0.4 KM WEST OF BIG GRIZZLY CREEK BRIDGE TO 2.5 KM EAST OF MADDALENA ROAD.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on September 17, 2002.

This addendum is being issued to revise the Notice to Contractors and Special Provisions, the Proposal and Contract and the Federal Minimum Wages with Modification Number 15 dated 8-23-02. A copy of the modified wage rates are available for the contractor's use on the Internet Site:

http://www.dot.ca.gov/hq/esc/oe/weekly_ads/addendum_page.html

In the Special Provisions, Section 10-1.22, "EXISTING HIGHWAY FACILITIES," subsection "ROADBED MODIFICATION" is added as attached.

In the Proposal and Contract, the Engineer's Estimate Item 35 is revised as attached.

To Proposal and Contract book holders:

Replace page 4 of the Engineer's Estimate in the Proposal with the attached revised page 4 of the Engineer's Estimate. The revised Engineer's Estimate is to be used in the bid.

Indicate receipt of this addendum by filling in the number of this addendum in the space provided on the signature page of the proposal.

Submit bids in the Proposal and Contract book you now possess. Holders who have already mailed their book will be contacted to arrange for the return of their book.

Inform subcontractors and suppliers as necessary.

Addendum No. 1
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September 6, 2002

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This office is sending this addendum by confirmed facsimile to all book holders to ensure that each receives it.

If you are not a Proposal and Contract book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,

ORIGINAL SIGNED BY

REBECCA D. HARNAGEL, Chief
Office of Plans, Specifications & Estimates
Office Engineer

Attachments

ROADBED MODIFICATION

GENERAL

This work shall consist of scarifying and pulverizing the existing asphalt concrete surfacing and underlying base material to the depths shown on the plans, mixing, spreading and compacting this mixture to the grade and cross slope shown on the plans; applying an asphaltic emulsion curing seal to the finished grade in accordance with the details shown on the plans and these special provisions.

The Contractor shall schedule pulverizing operations so that no more of the existing roadway surface shall be pulverized in any working day than can be completed and opened to public traffic in that same working day. Completion of pulverize roadbed includes pulverizing, shaping, compacting and applying curing seal.

The Contractor shall schedule pulverize roadbed operations so that work on contiguous lanes of the traveled way shall be completed during each work shift. At the end of each work shift, the distance between the ends of pulverize roadbed on adjacent lanes shall not be greater than 3 m or less than 1.5 m.

The maximum length of pulverize roadbed operations at any one location, including pilot-car-assisted traffic control, shall be limited to 5.0 kilometers.

The first lift, 60 mm, of asphalt concrete pavement shall be placed on the surface of the pulverized roadbed within 3 days after the asphaltic emulsion curing seal has been applied, unless otherwise allowed by the Engineer.

MATERIALS

Materials shall conform to the following:

Asphaltic Emulsion Curing Seal

Asphalt emulsion shall be grade SS1 and shall conform to the provisions in Section 94, "Asphaltic Emulsions," of the Standard Specifications.

Sand blotter

Sand shall conform to the following requirements:

Grading Requirements	
Sieve Sizes	Percentage Passing
12.5-mm	100
4.75-mm	90 - 100
1.18-mm	30 - 75
75-µm	0 - 12

CONSTRUCTION

Preparation of Roadbed

The pulverization operation shall be restricted to one-half of the roadway width at a time, unless otherwise allowed by the Engineer.

The existing bituminous pavement and underlying base material shall be loosened and pulverized. The pulverized material shall conform to the following grading prior to spreading and compacting:

Grading Requirements	
Sieve Sizes	Percentage Passing
75-mm	100
50-mm	95 - 100

The percentage of moisture shall not exceed optimum.

Spreading, Compacting and Finishing

After the materials have been satisfactorily mixed and meet the gradation requirements, the mixture shall be spread and compacted.

The relative compaction of the pulverized material shall not be less than 95 percent as determined by California Test Method 231.

Equipment used to spread the mixture shall be equipped with fully automatic cross slope and automatic grade controls which shall control the longitudinal grade and transverse slopes. Grade and slope references shall be furnished, installed, and maintained by the Contractor.

Compaction shall be performed with a steel-tired tandem roller weighing not less than 10 tonnes, or single or dual drum vibratory roller, and pneumatic-tired rollers which shall conform to the provisions in Section 39-5.02, "Compaction Equipment," of the Standard Specifications.

The finished surfacing at any point shall not vary more than 15 mm above or below the grade established by the Engineer.

Surplus pulverized material shall become the property of the Contractor and shall be disposed of outside the highway right of way in conformance with the provisions in Section 7-1.13, "Disposal of Material Outside the Highway Right of Way," of the Standard Specifications.

Protection and Curing

The finished surface shall be covered with an asphaltic emulsion curing seal.

Asphaltic emulsion for curing seal shall be diluted and mixed thoroughly with additional water on the basis of one part added water to one part asphaltic emulsion. The added water shall be of such quality that it will not cause premature separation of the emulsion. Diluted asphaltic emulsion curing seal shall be applied uniformly at a rate of between 0.6 and 1.4 L per square meter of surface. The exact rate will be determined by the Engineer.

The asphaltic emulsion curing seal shall be applied on the same day that the roadbed is pulverized and immediately after compaction is completed. The surface shall be kept moist until the seal is applied.

Sand blotter shall be spread by means of a self-propelled chip spreader equipped with a mechanical device that will spread the sand at a uniform rate over the full width of a traffic lane in a single application. Sand shall be spread at a rate of between 1 and 2 kg per square meter. The exact rate will be determined by the Engineer.

Equipment or traffic may be permitted on the roadbed after the curing seal has been applied, when approved by the Engineer.

Damage to the curing seal or roadbed surface shall be promptly repaired by the Contractor at the Contractor's expense, as directed by the Engineer, and all loose material shall be removed from the roadbed surface before placing asphalt concrete over the roadbed surface.

Measurement

Pulverize roadbed will be measured and paid for by the station measured along the centerline of the roadbed. A station shall be considered to be 100 meters. The length of pulverize roadbed to be paid for will be determined from actual measurement or calculated from centerline stationing or kilometer post distance, as determined by the Engineer.

Payment

The contract price paid per station for pulverize roadbed shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in pulverize roadbed, complete in place, including furnishing and applying asphaltic emulsion curing seal and sand blotter, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

ENGINEER'S ESTIMATE
02-263364

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21	151531	RECONSTRUCT FENCE	M	13		
22	151572	RECONSTRUCT METAL BEAM GUARD RAILING	M	960		
23	152320	RESET ROADSIDE SIGN	EA	38		
24	152431	ADJUST GRATE	EA	4		
25	152432	ADJUST MANHOLE	EA	1		
26	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	M2	3380		
27	029584	PULVERIZE ROADBED	STA	120		
28	153225	PREPARE CONCRETE BRIDGE DECK SURFACE	M2	740		
29	160101	CLEARING AND GRUBBING	LS	LUMP SUM	LUMP SUM	
30	170101	DEVELOP WATER SUPPLY	LS	LUMP SUM	LUMP SUM	
31	190101	ROADWAY EXCAVATION	M3	14 400		
32	194001	DITCH EXCAVATION	M3	16		
33	198001	IMPORTED BORROW	TONN	19 900		
34	198007	IMPORTED MATERIAL (SHOULDER BACKING)	TONN	8550		
35	203003	STRAW (EROSION CONTROL)	TONN	41		
36	203014	FIBER (EROSION CONTROL)	KG	6060		
37	203024	COMPOST (EROSION CONTROL)	KG	16 200		
38	203040	SEED (EROSION CONTROL)	KG	140		
39	203056	COMMERCIAL FERTILIZER (EROSION CONTROL)	KG	1520		
40	203061	STABILIZING EMULSION (EROSION CONTROL)	KG	1520		